

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2005/000457

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ? : B22D 23/06, 21/04, 41/62, F27D 23/04, F27B 14/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC B22D 17/28, 17/20, 41/62, F27B 14/08 and Keywords (IMPELL+ or AGITAT+);

USPTO and Keywords

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4322245 A (CLAXTON) 30 March 1982 See whole document	1-4
X	US 3935003 A (STEINKE et al.) 27 January 1976 See whole document	1-3
X	US 5908488 A (SCHRÖDER et al.) 1 June 1999 See whole document	1-3
X	US 4931091 A (WAITE et al.) 5 June 1990 See whole document	1-3

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:			
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 28 April 2005	Date of mailing of the international search report 04 MAY 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer JOHN DEUIS Telephone No : (02) 6283 2146

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	CA 2451735 A (ING. RAUCH FERTIGUNGSTECHNIK GMBH) 4 June 2004 See whole document	1-3
X	EP 0418481 A (VHG GIESSEREI UND HUETTENWERKS (DE)) 27 March 1991 See whole document	1, 3
X	US 5984999 A (ARBAUX) 16 November 1999 See whole document	1, 3
A	US 4572485 A (ENGELBERG et al.) 25 February 1986	1-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2005/000457

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	4322245	US	4386764				
US	3935003	AU	86786/75	DE	2551716	FR	2332510
		US	3973763				
US	5908488	AU	39258/95	CA	2180351	DE	4439214
		EP	0738334	WO	9614439		
US	4931091	AU	36337/89	BR	8902853	CN	1042189
		EP	0347108	IN	174609	JP	2073928
		NO	892448	NZ	229501	ZA	8904490
CA	2451735	DE	10256513	EP	1426455	US	2004107799
EP	0418481	DD	298135				
US	5984999	AU	34898/99	WO	9953109		
US	4572485	CH	654331	DE	3412964	FR	2551090
		GB	2145431	JP	60070130		

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX